

0% to 10% by mass of  $\text{Al}_2\text{O}_3$ ,  
0% to 10% by mass of  $\text{ZnO}$ ,  
0% to 10% by mass of at least one selected from the group consisting of  $\text{CaO}$ ,  $\text{MgO}$ ,  $\text{SrO}$  and  $\text{BaO}$ , and  
0% to 6% by mass of at least one selected from the group consisting of  $\text{SnO}_2$ ,  $\text{TiO}_2$ , and  $\text{ZrO}_2$ , and  
the filler powder comprises:  
10% to 90% by mass of a silica powder,  
10% to 90% by mass of an alumina powder, and  
0% to 40% by mass of a titanium oxide powder, and the silica powder comprising  
25% to 75% by mas of an  $\alpha$ -quartz powder and/or a cristobalite powder, and  
25% to 75% by mass of a quartz glass powder.

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Add the following claims: --

*B2*

5. A barrier rib material containing a glass powder and a filler powder for use in a plasma display panel, wherein the glass powder comprises:  
20% to 50% by mass of  $\text{BaO}$ ,  
25% to 50% by mass of  $\text{ZnO}$ ,  
10% to 35% by mass of  $\text{B}_2\text{O}_3$ ,  
0% to 10% by mass of  $\text{SiO}_2$ , and  
the filler powder comprises:

10% to 90% by mass of a silica powder,  
10% to 90% by mass of an alumina powder, and  
0% to 40% by mass of a titanium oxide powder, and  
the silica powder comprising  
25% to 75% by mass of an  $\alpha$ -quartz powder and/or a  
cristobalite powder, and  
25% to 75% by mass of a quartz glass powder.

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6. A barrier rib material as claimed in claim 5, wherein:  
the silica powder comprises from 25% to 75% by mass of an  
 $\alpha$ -quartz powder, from 0% to 50% by mass of a cristobalite  
powder, and from 25% to 75% by mass of a quartz glass powder.

7. A barrier rib material as claimed in claim 5, wherein:  
the silica powder comprises from 25% to 75% by mass of an  $\alpha$ -  
quartz powder and from 25% to 75% by mass of a quartz glass  
powder.

8. A barrier rib material as claimed in claim 5, wherein:  
the mass ratio of the glass powder to the filler powder is from  
65:35 to 85:15.

9. A barrier rib material containing a glass powder and a  
filler powder for use in a plasma display panel, wherein the  
glass powder comprises:

25% to 45% by mass of ZnO,  
15% to 40% by mass of Bi<sub>2</sub>O<sub>3</sub>,  
10% to 30% by mass of B<sub>2</sub>O<sub>3</sub>,  
0.5% to 10% by mass of SiO<sub>2</sub>,  
0% to 24% by mass of at least one selected from the group  
consisting of CaO, MgO, SrO and BaO, and  
the filler powder comprises:

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Cont

10% to 90% by mass of a silica powder,  
10% to 90% by mass of an alumina powder, and  
0% to 40% by mass of a titanium oxide powder, and  
the silica powder comprising  
25% to 75% by mass of an  $\alpha$ -quartz powder and/or a  
cristobalite powder, and  
25% to 75% by mass of a quartz glass powder.

10. A barrier rib material as claimed in claim 9, wherein:  
the silica powder comprises from 25% to 75% by mass of an  $\alpha$ -  
quartz powder, from 0% to 50% by mass of a cristobalite powder,  
and from 25% to 75% by mass of a quartz glass powder.

11. A barrier rib material as claimed in claim 9, wherein:  
the silica powder comprises from 25% to 75% by mass of an  $\alpha$ -  
quartz powder and from 25% to 75% by mass of a quartz glass  
powder.

*B2  
Cost*

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12. A barrier rib material as claimed in claim 9, wherein:  
the mass ratio of the glass powder to the filler powder is from  
65:35 to 85:15.